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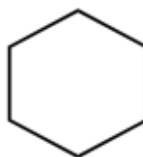
Outside USA: eurtechserv@sial.com

## Certificate of Analysis

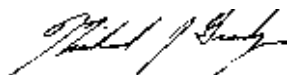
Product Name:

Cyclohexane - for HPLC, ≥99.9%

**Product Number:** 650455  
**Batch Number:** MKCF5834  
**Brand:** SIGALD  
**CAS Number:** 110-82-7  
**MDL Number:** MFCD00003814  
**Formula:** C6H12  
**Formula Weight:** 84.16 g/mol  
**Quality Release Date:** 29 JUN 2018



Test	Specification	Result
Appearance (Color)	Colorless	Colorless
Appearance (Form)	Liquid	Liquid
Infrared Spectrum	Conforms to Structure	Conforms
UV Absorbance 400nm	≤ 0.005	< 0.001
UV Absorbance 300nm	≤ 0.005	< 0.001
UV Absorbance 250nm	≤ 0.02	< 0.01
UV Absorbance 225nm	≤ 0.17	0.09
UV Absorbance 200nm	≤ 1.00	0.65
Fluorescence 365nm as Quinine	≤ 1.0 ppb	< 0.1 ppb
Purity (GC)	≥ 99.90 %	99.99 %
GC (ng/L) as Heptachlor Epoxide	≤ 10	< 10
Water (by Karl Fischer)	≤ 0.01 %	< 0.01 %
Residue on Evaporation	≤ 0.0001 %	< 0.0001 %



Michael Grady, Manager  
Quality Control  
Milwaukee, WI US

Sigma-Aldrich warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at Sigma-Aldrich.com. For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.